

09/233249

Type	Hits	Search Text	DBs	Time Stamp	Comments	Er ro r De ro fi rs ni tl
1 BRS	0	((@ad<19981027 or @rlad<19981027) and (GUI or user ADJ interface) same xml and (bank or teller or cash or money) adj machine	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/17 11:35		0
2 BRS	397	((@ad<19981027 or @rlad<19981027) and (GUI or user ADJ interface) and (bank or teller or cash or money) adj machine	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/17 11:40		0
3 BRS	42	((@ad<19981027 or @rlad<19981027) and (GUI or user ADJ interface) same (rules or logic) and (bank or teller or cash or money) adj machine	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/17 11:39	reviewed KWIC	0
4 BRS	949	((@ad<19981027 or @rlad<19981027) and (GUI or user ADJ interface) and ((bank or teller or cash or money) adj machine or ATM) not (asynch\$ adj transfer)).ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/17 11:51		0
5 BRS	182	((@ad<19981027 or @rlad<19981027) and (GUI or user ADJ interface) and ((bank or teller or cash or money) adj machine or ATM) not (asynch\$ adj transfer)).ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/17 12:24		0
6 BRS	3	((@ad<19981027 or @rlad<19981027) and (GUI or user ADJ interface) and ((bank or teller or cash or money) adj machine or ATM) not (asynch\$ adj transfer)).ab. and business adj (logic or rules)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/17 12:48	reviewed KWIC	0
7 BRS	5	((@ad<19981027 or @rlad<19981027) and (GUI or user ADJ interface) and ((bank or teller or cash or money) adj machine or ATM) not (asynch\$ adj transfer)) and xml	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/17 13:04	reviewed KWIC	0

BEST AVAILABLE COPY

File 15:ABI/Inform(R) 1971-2001/Mar 08
 (c) 2001 Bell & Howell
 File 9:Business & Industry(R) Jul/1994-2001/Mar 08
 (c) 2001 Resp. DB Svcs.
 File 623:Business Week 1985-2001/Mar W1
 (c) 2001 The McGraw-Hill Companies Inc
 File 647:CMP Computer Fulltext 1988-2001/Mar W1
 (c) 2001 CMP
 File 674:Computer News Fulltext 1989-2000/Feb W4
 (c) 2001 IDG Communications
 File 275:Gale Group Computer DB(TM) 1983-2001/Mar 08
 (c) 2001 The Gale Group
 File 624:McGraw-Hill Publications 1985-2001/Mar 08
 (c) 2001 McGraw-Hill Co. Inc
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 636:Gale Group Newsletter DB(TM) 1987-2001/Mar 08
 (c) 2001 The Gale Group
 File 621:Gale Group New Prod. Annou. (R) 1985-2001/Mar 08
 (c) 2001 The Gale Group
 File 16:Gale Group PROMT(R) 1990-2001/Mar 08
 (c) 2001 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2001/Mar 08
 (c) 2001 The Gale Group
 File 20:World Reporter 1997-2001/Mar 09
 (c) 2001 The Dialog Corporation

Set	Items	Description
S1	8003	(ISOLAT? OR DECOUPL? OR ABSTRACT? OR SEPARAT? OR PROGRAM? (-N2)INDEPENDENT?) (N5) (BUSINESS?(N2)RULES? OR BUSINESS?(N2)LOG-IC?? OR RULES?)
S2	330	S1(N10) (GUI OR GRAPHIC?(N2)INTERFACE? OR SCREEN? OR DISPLAY? OR INPUT()OUTPUT? OR I()O OR INTERFACE?)
S3	19207	(MACHINE? OR HARDWARE?) (N4) (INDEPENDENT?)
S4	2004	((EVENT? OR METHOD? OR ACTION? OR ACTIVITY?) (N10) (CAUSED() - BY OR TRIGGER? OR SET()OFF OR ACTIVAT?)) (N5) (USER? OR GUI OR - GRAPHIC?(N2)INTERFACE? OR SCREEN? OR INPUT(N)OUTPUT? OR I()O - OR INTERFACE?)
S5	17888	DLL OR DYNAMIC()LINK()LIBRAR?
S6	82984	XML OR EXTEN?()MARKUP?()LANGUAG?
S7	35941	ATM()MACHINE? OR TRANSACTION(N2)TRANSFER?(N2)VALUE? OR AUT-OMAT?()TRANSACTION?()MACHINE? OR TRANSACTION?(N2)MACHINE? OR - BUSINESS(N3)INTERFACE? OR BANK?(N2)MACHINE?
S8	1	S2 AND S3
S9	59	S2 AND (S4 OR S5 OR S6)
S10	20	S9 AND S7
S11	0	(FLEXIBL?(N4)PROGRAM?) (N15) ((DIFFERENT? OR SEPARAT?) (N5) (-ATM()MACHINE? OR BANK?()MACHINE?))
S12	12	RD S10 (unique items)
S13	39	S9 NOT S10
S14	21	RD (unique items)
?		

reviewed all via kwic

Full-text

File 348:EUROPEAN PATENTS 1978-2001/Feb W04

(c) 2001 European Patent Office

File 349:PCT Fulltext 1983-2001/UB=20010301, UT=20010215

(c) 2001 WIPO/MicroPat

Set	Items	Description
S1	559	ATM()MACHINE? OR BANK?()MACHINE? OR AUTOMAT?()TRANSACTION?()MACHINE? OR TRANSACTION?()MACHINE?
S2	1289	(GUI OR GRAPHIC?(N2)INTERFACE? OR SCREEN? OR DISPLAY? OR I- (O OR INPUT()OUTPUT?) (N20)((EVENT? OR ACTION? OR ACTIVITY?) (- N5)(TRIGGER? OR ACTIVAT? OR CAUSED()BY?))
S3	248	(GUI OR GRAPHIC?(N2)INTERFACE? OR DISPLAY? OR SCREEN?) (N15-) ((PROGRAM?) (N5) (INDEPENDENT? OR CUSTOMIZ? OR CUSTOMIS?))
S4	2	((CHANG? OR TWEAK? OR ADJUST?) (N5) (INTERFACE?)) (N20) ('NOT- ' (N4)HARDWARE?)
S5	3	PORT?(N10)((ATM()MACHINE? OR BANK?()MACHINE? OR AUTOMAT?()- TRANSACTION?()MACHINE? OR TRANSACTION?()MACHINE?) (N5) (PLURALITY? OR SEVERAL? OR NUMBER? OR NUMEROUS? OR MULTIPLE?))
S6	7	S1 AND S2
S7	3	S1 AND S3
S8	0	S1 AND S4
?		

Revised KWIC

European
+
PCT

File 15:ABI/Inform(R) 1971-2001/Mar 08
 (c) 2001 Bell & Howell
 File 9:Business & Industry(R) Jul/1994-2001/Mar 08
 (c) 2001 Resp. DB Svcs.
 File 623:Business Week 1985-2001/Mar W1
 (c) 2001 The McGraw-Hill Companies Inc
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 275:Gale Group Computer DB(TM) 1983-2001/Mar 08
 (c) 2001 The Gale Group
 File 624:McGraw-Hill Publications 1985-2001/Mar 08
 (c) 2001 McGraw-Hill Co. Inc
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 636:Gale Group Newsletter DB(TM) 1987-2001/Mar 08
 (c) 2001 The Gale Group
 File 621:Gale Group New Prod. Annou. (R) 1985-2001/Mar 08
 (c) 2001 The Gale Group
 File 16:Gale Group PROMT(R) 1990-2001/Mar 08
 (c) 2001 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2001/Mar 08
 (c) 2001 The Gale Group
 File 20:World Reporter 1997-2001/Mar 09
 (c) 2001 The Dialog Corporation
 File 647:CMP Computer Fulltext 1988-2001/Mar W1
 (c) 2001 CMP
 File 674:Computer News Fulltext 1989-2000/Feb W4
 (c) 2001 IDG Communications

Set	Items	Description
S1	11326	ATM()MACHINE? OR BANK?()MACHINE? OR AUTOMAT?()TRANSACTION?()MACHINE? OR TRANSACTION?()MACHINE?
S2	1232	(GUI OR GRAPHIC?(N2)INTERFACE? OR SCREEN? OR DISPLAY? OR I- (O OR INPUT()OUTPUT?) (N20) ((EVENT? OR ACTION? OR ACTIVITY?) (- N5) (TRIGGER? OR ACTIVAT? OR CAUSED()BY?))
S3	2795	(GUI OR GRAPHIC?(N2)INTERFACE? OR DISPLAY? OR SCREEN?) (N15-) ((PROGRAM?) (N5) (INDEPENDENT? OR CUSTOMIZ? OR CUSTOMIS?))
S4	16	((CHANG? OR TWEAK? OR ADJUST?) (N5) (INTERFACE?)) (N20) ('NOT-' (N4)HARDWARE?)
S5	0	PORT?(N10) ((ATM()MACHINE? OR BANK?()MACHINE? OR AUTOMAT?()- TRANSACTION?()MACHINE? OR TRANSACTION?()MACHINE?) (N5) (PLURALITY? OR SEVERAL? OR NUMBER? OR NUMEROUS? OR MULTIPLE?))
S6	4	S1 AND S2
S7	3	S1 AND S3
S8	0	S1 AND S4
S9	14	RD S4 (unique items)
S10	3	RD S6 (unique items)
S11	2	RD S7 (unique items)
?		

Revised KCIC

Full
text

File 15:ABI/Inform(R) 1971-2001/Mar 08
 (c) 2001 Bell & Howell
 File 9:Business & Industry(R) Jul/1994-2001/Mar 08
 (c) 2001 Resp. DB Svcs.
 File 623:Business Week 1985-2001/Mar W1
 (c) 2001 The McGraw-Hill Companies Inc
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 275:Gale Group Computer DB(TM) 1983-2001/Mar 08
 (c) 2001 The Gale Group
 File 624:McGraw-Hill Publications 1985-2001/Mar 08
 (c) 2001 McGraw-Hill Co. Inc
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 636:Gale Group Newsletter DB(TM) 1987-2001/Mar 08
 (c) 2001 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2001/Mar 08
 (c) 2001 The Gale Group
 File 16:Gale Group PROMT(R) 1990-2001/Mar 08
 (c) 2001 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2001/Mar 08
 (c)2001 The Gale Group
 File 20:World Reporter 1997-2001/Mar 09
 (c) 2001 The Dialog Corporation
 File 647:CMP Computer Fulltext 1988-2001/Mar W1
 (c) 2001 CMP
 File 674:Computer News Fulltext 1989-2000/Feb W4
 (c) 2001 IDG Communications

Set	Items	Description
S1	3169	MICROSOFT?()TRANSACTION?()SERVER?
S2	5	S1 (N20)((ISOLAT? OR DECOUPL? OR ABSTRACT? OR SEPARAT?)(N7-) (BUSINESS?(N2)RULE? OR BUSINESS?(N2)LOGIC?))
?		

revised 1,4 full

File 348:EUROPEAN PATENTS 1978-2001/Feb W04

(c) 2001 European Patent Office

File 349:PCT Fulltext 1983-2001/UB=20010301, UT=20010215

(c) 2001 WIPO/MicroPat

Set	Items	Description
S1	511	(ISOLAT? OR DECOUPL? OR ABSTRACT? OR SEPARAT? OR PROGRAM? (-N2)INDEPENDENT?) (N5) (BUSINESS?(N2)RULES? OR BUSINESS?(N2)LOGIC?? OR RULES?)
S2	28	S1(N10) (GUI OR GRAPHIC?(N2)INTERFACE? OR SCREEN? OR DISPLAY? OR INPUT()OUTPUT? OR I()O OR INTERFACE?)
S3	2512	(MACHINE? OR HARDWARE?) (N4) (INDEPENDENT?)
S4	2355	((EVENT? OR METHOD? OR ACTION? OR ACTIVITY?) (N10) (CAUSED() - BY OR TRIGGER? OR SET()OFF OR ACTIVAT?)) (N5) (USER? OR GUI OR - GRAPHIC?(N2)INTERFACE? OR SCREEN? OR INPUT(N)OUTPUT? OR I()O - OR INTERFACE?)
S5	1903	DLL OR DYNAMIC()LINK()LIBRAR?
S6	734	XML OR EXTEN?()MARKUP?()LANGUAG?
S7	1532	ATM()MACHINE? OR TRANSACTION(N2)TRANSFER?(N2)VALUE? OR AUTOMAT?()TRANSACTION?()MACHINE? OR TRANSACTION?(N2)MACHINE? OR - BUSINESS(N3)INTERFACE? OR BANK?(N2)MACHINE?
S8	11	S2 AND S7
S9	12	S1 (S) (S3 OR S4 OR S5 OR S6)
S10	4	S9 AND S7
?		

revised KWIC

European
+
PCT
patents

File 350:Derwent WPIX 1963-2001/UD,UM &UP=200113
 (c) 2001 Derwent Info Ltd
 File 344:CHINESE PATENTS ABS APR 1985-2001/Feb
 (c) 2001 EUROPEAN PATENT OFFICE
 File 347:JAPIO Oct 1976-2000/Oct(UPDATED 010306)
 (c) 2001 JPO & JAPIO

Set	Items	Description
S1	80	(ISOLAT? OR DECOUPL? OR ABSTRACT? OR SEPARAT? OR PROGRAM? (-N2)INDEPENDENT?) (N5)(BUSINESS?(N2)RULES? OR BUSINESS?(N2)LOG-IC?? OR RULES?)
S2	2	S1(N10)(GUI OR GRAPHIC?(N2)INTERFACE? OR SCREEN? OR DISPLAY? OR INPUT()OUTPUT? OR I()O OR INTERFACE?)
S3	2122	(MACHINE? OR HARDWARE?) (N4)(INDEPENDENT?)
S4	352	((EVENT? OR METHOD? OR ACTION? OR ACTIVITY?) (N10)(CAUSED()-BY OR TRIGGER? OR SET()OFF OR ACTIVAT?)) (N5)(USER? OR GUI OR -GRAPHIC?(N2)INTERFACE? OR SCREEN? OR INPUT(N)OUTPUT? OR I()O -OR INTERFACE?)
S5	442	DLL OR DYNAMIC()LINK()LIBRAR?
S6	89	XML OR EXTEN?()MARKUP?()LANGUAG?
S7	3104	ATM()MACHINE? OR TRANSACTION(N2)TRANSFER?(N2)VALUE? OR AUT-OMAT?()TRANSACTION?()MACHINE? OR TRANSACTION?(N2)MACHINE? OR -BUSINESS(N3)INTERFACE? OR BANK?(N2)MACHINE?
S8	0	S1 AND S3
S9	1	S1 AND (S4 OR S5 OR S6)
S10	0	S1 AND S7
S11	15	S1 AND (GUI OR GRAPHIC?(N2)INTERFACE? OR SCREEN? OR DISPLAY? OR INPUT()OUTPUT? OR I()O OR INTERFACE?)
S12	0	S11 AND S7
S13	0	S7 AND S4
S14	13	S7 AND S3
S15	9	S14 NOT (INDEPENDENT?()CLAIM?)
?		

reviewed KWIC

File 256:SoftBase:Reviews,Companies&Prods. 85-2001/Jan
(c)2001 Info.Sources Inc

File 278:Microcomputer Software Guide 2001/Feb
(c) 2001 Reed Elsevier Inc.

Set	Items	Description
S1	42	(ISOLAT? OR DECOUPL? OR ABSTRACT? OR SEPARAT? OR PROGRAM? (-N2)INDEPENDENT?) (N5) (BUSINESS?(N2)RULES? OR BUSINESS?(N2)LOG-IC?? OR RULES?)
S2	6	S1(N10) (GUI OR GRAPHIC?(N2)INTERFACE? OR SCREEN? OR DISPLAY? OR INPUT()OUTPUT? OR I()O OR INTERFACE?)
S3	86	(MACHINE? OR HARDWARE?) (N4) (INDEPENDENT?)
S4	33	((EVENT? OR METHOD? OR ACTION? OR ACTIVITY?) (N10) (CAUSED() - BY OR TRIGGER? OR SET()OFF OR ACTIVAT?)) (N5) (USER? OR GUI OR - GRAPHIC?(N2)INTERFACE? OR SCREEN? OR INPUT(N)OUTPUT? OR I()O - OR INTERFACE?)
S5	437	DLL OR DYNAMIC()LINK()LIBRAR?
S6	971	XML OR EXTEN?()MARKUP?()LANGUAG?
S7	115	ATM()MACHINE? OR TRANSACTION(N2)TRANSFER?(N2)VALUE? OR AUT-OMAT?()TRANSACTION?()MACHINE? OR TRANSACTION?(N2)MACHINE? OR - BUSINESS(N3)INTERFACE? OR BANK?(N2)MACHINE?
S8	4	S1 AND (S3 OR S4 OR S5 OR S6)
S9	3	S1 AND S7
?		

Reviewed
KWC

Software
files

File 77:Conference Paper Index 1973-2001/Mar
 (c) 2001 Cambridge Sci Abs
 File 35:Dissertation Abstracts Online 1861-2001/Feb
 (c) 2001 UMI
 File 583:Gale Group Globalbase(TM) 1986-2001/Mar 09
 (c) 2001 The Gale Group
 File 2:INSPEC 1969-2001/Mar W1
 (c) 2001 Institution of Electrical Engineers
 File 65:Inside Conferences 1993-2001/Feb W4
 (c) 2001 BLDSC all rts. reserv.
 File 233:Internet & Personal Comp. Abs. 1981-2001/Mar
 (c) 2001 Info. Today Inc.
 File 99:Wilson Appl. Sci & Tech Abs 1983-2001/Jan
 (c) 2001 The HW Wilson Co.
 File 8:Ei Compendex(R) 1970-2001/Feb W3
 (c) 2001 Engineering Info. Inc.
 File 144:Pascal 1973-2001/Mar W1
 (c) 2001 INIST/CNRS
 File 94:JICST-EPlus 1985-2001/Feb W3
 (c)2001 Japan Science and Tech Corp(JST)

Set	Items	Description
S1	2696	(ISOLAT? OR DECOUPL? OR ABSTRACT? OR SEPARAT? OR PROGRAM? (-N2)INDEPENDENT?) (N5) (BUSINESS? (N2)RULES? OR BUSINESS? (N2)LOG-IC?? OR RULES?)
S2	42	S1 (N10) (GUI OR GRAPHIC? (N2)INTERFACE? OR SCREEN? OR DISPLAY? OR INPUT()OUTPUT? OR I()O OR INTERFACE?)
S3	4358	(MACHINE? OR HARDWARE?) (N4) (INDEPENDENT?)
S4	368	((EVENT? OR METHOD? OR ACTION? OR ACTIVITY?) (N10) (CAUSED() - BY OR TRIGGER? OR SET()OFF OR ACTIVAT?)) (N5) (USER? OR GUI OR - GRAPHIC? (N2)INTERFACE? OR SCREEN? OR INPUT(N)OUTPUT? OR I()O - OR INTERFACE?)
S5	1575	DLL OR DYNAMIC()LINK()LIBRAR?
S6	3724	XML OR EXTEN?()MARKUP?()LANGUAG?
S7	1623	ATM()MACHINE? OR TRANSACTION(N2)TRANSFER?(N2)VALUE? OR AUTOMAT?()TRANSACTION?()MACHINE? OR TRANSACTION?(N2)MACHINE? OR BUSINESS(N3)INTERFACE? OR BANK?(N2)MACHINE?
S8	229	S1 AND (GUI OR GRAPHIC? (N2)INTERFACE? OR SCREEN? OR DISPLAY? OR INPUT()OUTPUT? OR I()O OR INTERFACE?)
S9	0	S8 AND S3
S10	2	S8 AND (S4 OR S5 OR S6)
S11	8	S8 AND S7
S12	0	(FLEXIBL?(N5)PROGRAM?)AND ((DIFFERENT? OR SEVERAL? OR PLURALITY?) (N10) (ATM()MACHINE? OR BANK?()MACHINE? OR TRANSACTION?-(N2)MACHINE?))
S13	0	(FLEXIBL?(N10)PROGRAM?)AND ((DIFFERENT? OR SEVERAL? OR PLURALITY?) (N10) (ATM()MACHINE? OR BANK?()MACHINE? OR TRANSACTION?-(N2)MACHINE?))
S14	2	RD S10 (unique items)
S15	4	RD S11 (unique items)
?		

revised kwic

Bibliographic
 files

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☒ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.